

L E T T E R

FROM

THE SECRETARY OF THE TREASURY,

TRANSMITTING

Report of the Supervising Architect relative to a vault for the storage of silver.

DECEMBER 21, 1886.—Referred to the Committee on Appropriations and ordered to be printed.

TREASURY DEPARTMENT,
Washington, December 20, 1886.

SIR: The capacity of vaults already constructed for the storage of silver dollars is now practically exhausted. There is, therefore, a necessity that provision be made for the storage of silver dollars, at the earliest practicable day. The accompanying letter of the Supervising Architect of this Department, giving estimates for the cost of a storage vault of \$100,000,000 capacity, is submitted for your consideration.

The two estimates being for vaults of different construction, the determination of Congress is requested as to which should be provided.

Respectfully, yours,

D. MANNING,
Secretary.

Hon. JOHN SHERMAN,
President of the Senate.

TREASURY DEPARTMENT,
OFFICE OF THE SUPERVISING ARCHITECT,
Washington, December 20, 1886.

SIR: In accordance with your request, I have the honor to submit the following report regarding the proper location and cost of a suitable vault for the storage of silver dollars in the Treasury building. After a careful examination it is found there is no available place within the building; it can, however, be constructed in the court-yard, convenient to the elevator and level with the basement floor. This location will necessitate the construction of suitable exterior walls, with roof formed of brick arches, between iron beams, and covered with asphalt. I have prepared an estimate of the cost of a double steel-

lined vault, of sufficient capacity to provide for the storage of one hundred million silver dollars, which is as follows:

Excavation, 3,267 yards, at 50 cents.....	\$1,633 50
Concrete, 190 yards, at \$6.....	1,140 00
Cutting out window.....	50 00
Granite facing, 428 feet, at \$4.....	1,712 00
Brick-work, 287 feet, at \$20.....	5,740 00
Fourteen iron columns.....	432 00
Beams and arches for roof, 4,800 feet, at 75 cents.....	3,600 00
Concrete and asphalt covering, 4,800 feet, at 30 cents.....	1,440 00
Double steel lining, 9,635 feet, at \$8.40.....	80,934 00
Lattice partitions, 3,870 feet, at \$1.29.....	4,992 30
Contingencies.....	5,000 00
Total.....	106,673 80

The cost of constructing a simple vault of the same capacity, but without the steel lining or other security than that obtained by substantial masonry and iron work, is as follows:

Excavating.....	\$1,530 00
Concrete foundations.....	834 00
Concrete floor and roof, with asphalt facing.....	2,912 50
Granite front, ashlar.....	2,320 00
Granite coping of front wall.....	1,585 00
Brick-work in walls.....	5,980 00
Brick arching, roof.....	1,402 50
Iron columns.....	280 00
"I" beam girders.....	409 50
Iron work of roof.....	1,168 75
Iron lattice partition and inclosures up to ceiling of brick arches.....	8,058 00
Contingencies, 5 per cent.....	1,324 00
Total.....	27,804 25

Very respectfully submitted.

M. E. BELL,
Supervising Architect.

Hon. DANIEL MANNING,
Secretary of the Treasury.